



Part Number

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FHG.1K.302.CLAC65

Status **Active**
Alternative **FPG.1K.302.CLAC65**

Size/Series **1K / K**

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MECHANICAL DETAILS

Shell Style/Model FH*: Elbow plug, cable collet
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing Variant C65: 6.1 - 6.5 mm

PERFORMANCE DETAILS

Insert Configuration 1K.302 : 2 Low Voltage
Insulator L: PEEK
Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R(max): 3.6 mOhm
Rated Current (A): 15
Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
Vtest (contact-contact): 1500 V (AC), 2150 V (DC)

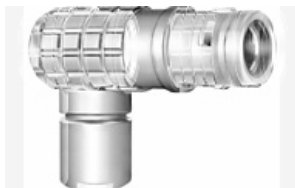
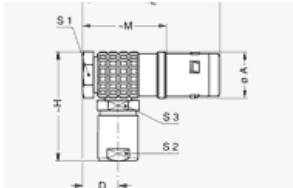
OTHER CHARACTERISTICS

Endurance (Shell) 5000 mating cycles
Temp (min) -55°C deg
Temp (max) +200°C deg
Humidity (max): <=95% [at 60 deg C/140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >144 hr
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
IP Rating 68

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	A	D	H	L	M	S1	S2	S3
mm	14	8.8	33	43	29	12	9	10
in.	0.55	0.35	1.30	1.69	1.14	0.47	0.35	0.39



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